

Amendment of Claims

Please amend the claims as indicated in the following listing of claims. This listing of claims will replace all prior versions and listings of claims in the present application.

Listing of Claims

1. (currently amended) A high-pressure discharge lamp comprising:

an outer envelope (1) in which a discharge vessel (11) is arranged around a longitudinal axis (22),

the discharge vessel (11) enclosing, in a gastight manner, a discharge space (13) provided with an ionizable filling,

the discharge vessel (11) having a first (2) and a second (3) mutually opposed neck-shaped portion through which a first (4) and second (5) current-supply conductor, respectively, extend to a pair of electrodes (6, 7) arranged in the discharge space (13),

a lamp base (8) being provided with a first (14) and a second (15) contact member connected to the respective first and second current-supply conductor (4, 5),

at least one of the lamp base (8), the first contact member and the second contact member (14, 15) ~~functioning as~~ are configured to form an end-of-life device that fails upon the occurrence of an arc discharge.

2. (currently amended) A high-pressure discharge lamp as claimed in claim 1, characterized in that the lamp base (8) is made from a soft glass, hard glass, or ceramic material and has a softening point whereby said lamp base fractures under a thermal stress of an incandescent mode of the lamp.

3. (previously presented) A high-pressure discharged lamp as claimed in claim 1, characterized in that the first and the second contact member (14, 15) are made from an oxidized nickel-iron-

chromium material.

4. (original) A high-pressure discharge lamp as claimed in claim 3, characterized in that the first and the second contact member (14, 15) are made from a NiFeCr alloy.

5. (previously presented) A high-pressure discharged lamp as claimed in claim 1, characterized in that the lamp base (8) supports the outer envelope (1), the outer envelope (1) encloses the first and second currently-supply conductors (4, 5), and the outer envelope (1) is connected to the lamp base (8) in a gas-tight manner.

6. (original) A high-pressure discharge lamp as claimed in claim 5, characterized in that the first and the second contact member (14, 15) issue from the outer envelope (1).

7. (previously presented) A high-pressure discharge lamp as claimed in claim 1, characterized in that an exhaust tube (18, 18') for evacuating the outer envelope (1) is provided in the lamp base (8) or in the outer envelope (1).

8. (original) A high-pressure discharge lamp as claimed in claim 7, characterized in that the exhaust tube (18) in the lamp base (8) is made from a metal or from a NiFeCr alloy.

9. (previously presented) A high-pressure discharge lamp as claimed in claim 1, characterized in that the ratio of the distance d_e between the electrodes (6, 7) to the height h_{d1} of the high-pressure discharge lamp along the longitudinal axis (22) lies in a range of:

$$0.02 \leq d_e/h_{d1} \leq 0.2.$$

10. (previously presented) A high pressure discharge lamp as claimed in claim 1, wherein the base comprises a soft glass having a softening point such that the base deforms or cracks under a thermal stress of an arc discharge.

11. (previously presented) A high pressure discharge lamp as claimed in claim 1, wherein at least one of the first contact member and the second contact member is configured to deform or crack under a thermal stress of an arc discharge.

12. (canceled)

13. (previously presented) A high pressure discharge lamp as claimed in claim 1, wherein at least one of the first contact member and the second contact member is configured to form a fuse that deforms or cracks under a thermal stress of an arc discharge.